Compact Radar Warning & Locator System ■ EL/L-8265 RWL

■ DEFENSE & SELF-PROTECTION

General

ELTA's EL/L-8265 Integral Radar Warning & Locator System (RWL) is a compact, advanced, and cost-effective system that combines Radar Warning Receiver (RWR) capabilities with Electronic Support Measures (ESM) capabilities. The system is designed to operate in dense and complex radar environments and to intercept, measure, identify and locate accurately all radar types.

The system can be easily installed, deployed and integrated on a variety of manned or unmanned, military and commercial aircraft, as a part of their Self Protection Suite. The RWL can utilize either special purpose antennas or existing RWR antennas.

The RWL operates autonomously and requires only minimal pilot intervention.

ELTA's RWL system can be interfaced with jamming systems.

EL/L-8265 RWL is flight line re-programmable. Threats may be quickly and easily updated or added, using PC-based equipment and a user-friendly Human-Machine Interface (HMI).

The system incorporates ELTA's field-proven experience of more than 35 years in the design and production of EW systems.

IAI ELTA Systems Ltd.
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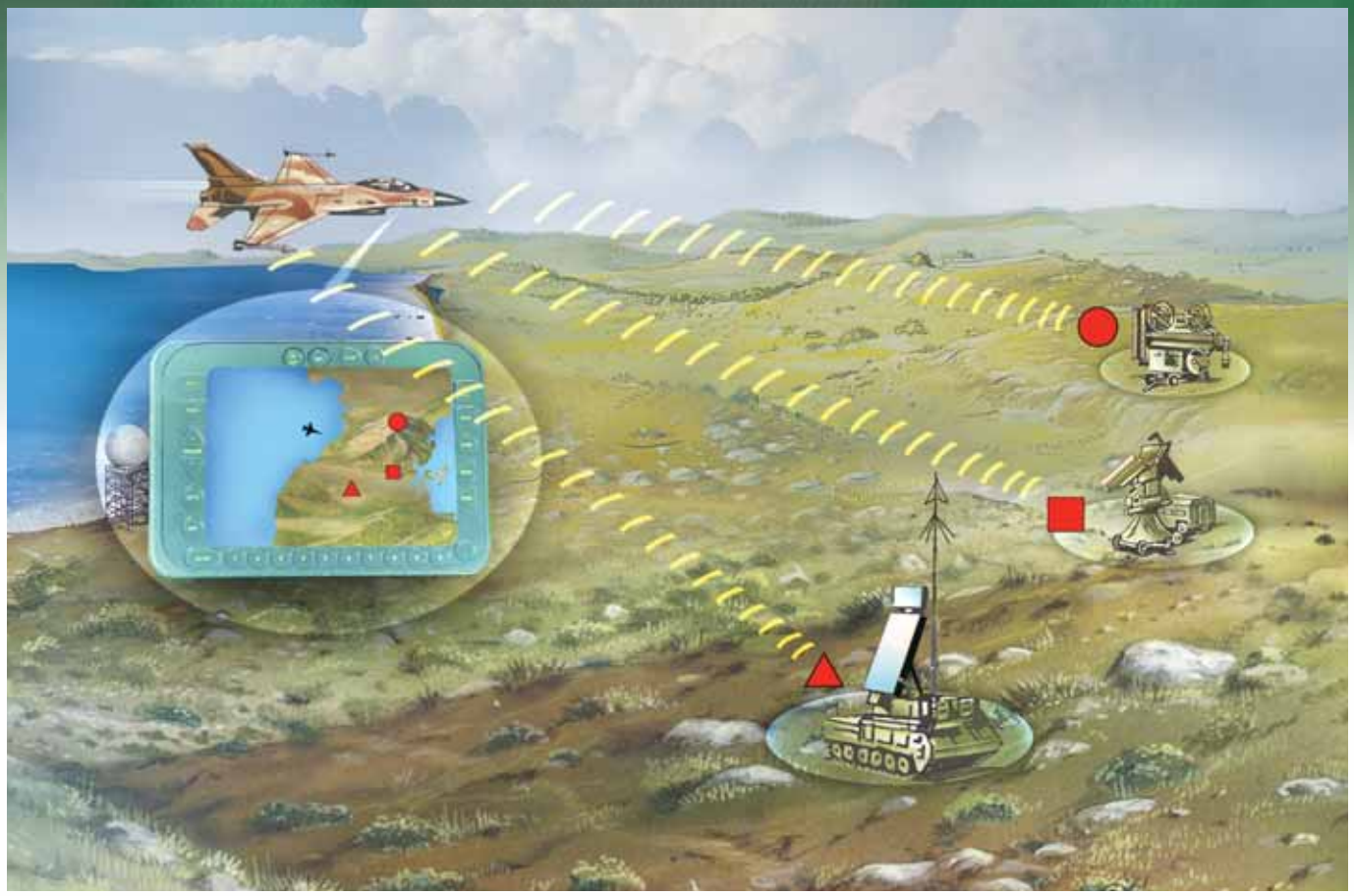

Features

- Wide frequency band coverage : 2GHz – 18 GHz
- 360º spatial coverage
- Autonomously handling threat environment using:
  - Multi-Channel Digital Receiver
  - Reliable Identification Process
  - High Sensitivity for improved detection capability
- Simple Antenna configuration – adapted to existing RWR antennas
- No calibration required
- Automatic fast threat detection, identification, and accurate location, with low pilot workload
- Easy-to-read threat map on a Tactical Display
- Enhanced and user-friendly operational support tools:
  - Easy-to-program, fast-loading User Data File Generator (UDFG)
  - Full mission events and data recording.
  - Mission Debriefing using PC-based, mission event, replay tool
- Low Life Cycle Cost (LCC): Cost-effective, easy maintenance, high reliability and availability, simple ILS requirements
- Growth potential for jamming capability
- Payload dimensions (WxHxD) - 220x175x300 mm
  Payload weight - 11.5 Kg

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